



# Dell Appliance for Wyse – vWorkspace™

## Desktop and application virtualization made easy

### Fast, simple deployment. Endless possibilities.

**Speed time-to-value:** Deploy infrastructure and provision anywhere from 50 to several thousands of users quickly and easily, whether you are a small or large organization.

**Do it yourself:** Easily install and deploy virtual desktops yourself. The Dell-developed 'quick start tool' is a deployment wizard which helps you and your users to get up and running on all devices within one to two hours.

**Preconfigured & easy to order:** Pick the form factor you need – rack or tower – select the type and number of user licenses and order with confidence. All appliance-related software is included, so there's no extra software to purchase.

**Your own cloud:** Increase control by forgoing public cloud services. Your Wyse appliance is hosted onsite and under your authority.

**Seamless with Dell:** The appliance works with all endpoints, including Dell Wyse thin clients and Chrome products, as well as many others.

**Scale out:** Need more than 200-300 users a single appliance? Simply scale out by adding additional rack appliances without "rip and replace."



Watch as 90 seconds  
animated video by clicking  
on the image

### Tailored to your virtual desktop needs.

**Cost effective and flexible:** At a very affordable per user cost, the Wyse appliance can run vWorkspace for remote application delivery (RDSH) or virtual desktops (VDI) on a choice of Dell PowerEdge R730 or T630 servers, using local storage on the servers. You can choose between Microsoft SQL Standard or Express licenses and you can also leverage your pre-existing Microsoft agreement.

**Simple:** Pre-packaged configurations help you easily find and order the right solution for your organization. The appliance is available in two form factors (R730 or T630) and two configurations:

- **Large:** use as a compute node for application delivery for up to 300 users or for VDI up to 200 users per appliance.
- **Small/pilot:** compute and management node in one appliance supporting up to 100 VDI users or 125 application users. If you scale out beyond one appliance, you can use this small/pilot configuration as the management node to optimize resources.

**Secure:** Let your users work offsite with their own devices while the data and applications they use remain safe and secure on your premises. The Wyse appliance helps you maintain regulatory compliance without sacrificing data privacy or security.



### At a glance

The Dell Appliance for Wyse – vWorkspace is designed to quickly deliver virtual desktops and apps for organizations without VDI expertise. It offers:

- Windows applications for up to 300 users per server, starting at \$268 per user for all infrastructure and licenses
- Virtual desktops for up to 200 users per server, starting at \$324 per user for all infrastructure and licenses
- Pilot configuration available for 60-125 users
- Easy scalability. To add more users, simply add more appliances
- Built on Dell's best-selling R730 & T630 13G servers with optimal reliability and performance and Dell ProSupport
- A great fit for delivering Windows applications to Chrome devices
- Ideal for proofs of concept (PoCs) or pilots for vWorkspace before expanding

### Benefits

- The simplest and fastest way to deploy and manage Wyse vWorkspace infrastructure
- Requires only IT admin skills to deploy and manage, lowering complexity and OPEX costs
- Simplifies purchasing with pre-designed fixed configurations
- Dell-developed deployment wizard allows easy and fast deployment of between 1 and 2 hours for all users on the appliance

## Solution Configuration

Features	vWorkspace - Large	vWorkspace – Small/pilot
Delivery mode/role	All-in-one single or scale-out compute node for: <ul style="list-style-type: none"> <li>App delivery/RDSH (up to 300 users)</li> <li>Virtual desktops (up to 200 users)</li> </ul>	All-in-one single or scale-out compute node for: <ul style="list-style-type: none"> <li>App delivery/RDSH (up to 125 users)</li> <li>Virtual desktops (up to 100 users)</li> </ul> Or as Management node when scaling out
Dell server	PowerEdge R730 (2U rack) or T630 (tower - 5U rackable)	
Intel® processor	2x Xeon® E5-2680v3 (2.5 GHz, 12C)	2x Xeon® E5-2620v3 (2.4GHz, 6C)
Memory	16 x 16GB 2133MHz RDIMMs	8 x 16GB 2133MHz RDIMMs
Storage	10 x 600 GB 15K SAS 2.5" (RAID 10)	6 x 600 GB 15K SAS 2.5" (RAID 10)
RAID Controller	H730P [2GB cache]	
Network Controller	R730: 4 x 1 Gb NDC, 4 x 1Gb NIC (optional) T630: 8 x 1 Gb NIC	
iDRAC:	iDRAC8 Ent w/ vFlash, 8GB SD	
Power	2 x 750W PSUs	
Chassis Dimensions:	R730: H: 8.73 cm (3.44 in.) x W: 44.40 cm (17.49 in.) x D: 68.40 cm (26.92 in.) T630: H: 44.35 cm (17.5 in.) with feet x W: 48.2 cm (18.98 in.) x D: 75.09 cm (29.56 in.)	
Broker software	Wyse vWorkspace 8.6	
Hypervisor	Microsoft® Hyper-V	
Windows Server	Microsoft® Windows Server 2012 R2	
Virtual Machine Manager	N/A	
Database	Microsoft® SQL Express or SQL Server 2014	
Dell ProSupport®	3 years on hardware	
Number of users per appliance	Up to 300 for RDSH 130 to 200 for VDI	Up to 125 for RDSH 60 to 100 for VDI
Scripts	Includes deployment scripts to step user through appliance deployment.	

If you order only one appliance (large or small), it is used both as a compute node and a management node (all-in-one single node). If you order more than one appliance, Dell recommends that you use the small configuration as the management node and that you order rack appliances R730 to save space.

The small configuration is ideal for a pilot or a proof-of-concept (POC) aimed at a range of 60 to 125 users. If you need to scale out, the small configuration can be repurposed as a management node while you order additional large configurations as compute nodes for your increased number of users.

The large configuration can accommodate more users. If you want to scale out, you need to order a small configuration to be used as the new management node, while your initial large configuration becomes a compute node. Order additional large rack configurations as compute nodes for adding more users.

For continuous operation and peace of mind, you can implement High Availability (HA) on the management layer by adding yourself a second management server (small appliance) manually configured in a failover cluster with the management VMs residing on shared storage such as an EqualLogic or Compellent array. For redundancy in the compute layer, follow an N+1 model to allow additional compute nodes to provide capacity in case a rack appliance fails.

For advanced deployments, a custom configuration of the rack appliance is also available in case you have specific hardware needs, such as SSDs, CPU, memory, PSU, etc.



For more information, visit

[Dell.com/us/business/p/dell-appliance-for-wyse-vworkspace/pd](http://Dell.com/us/business/p/dell-appliance-for-wyse-vworkspace/pd)

and

[Dell.com/wyse](http://Dell.com/wyse)

